

1. Background and motivation:

1. Rahwan et al., Machine behaviour ([link](#))
2. Bakshy et al., Exposure to ideologically diverse news and opinion on Facebook ([link](#))
3. Bail et al., Exposure to opposing views on social media can increase political polarization ([link](#))
4. Moller et al., Do not blame it on the algorithm: an empirical assessment of multiple recommender systems and their impact on content diversity ([link](#))
5. D'Amour et al., Fairness is not static: deeper understanding of long term fairness via simulation studies ([link](#))

2. Papers I hope to simulate:

1. Goel et al., The structural virality of online diffusion ([link](#))
2. Chaney et al., How algorithmic confounding in recommendation systems increases homogeneity and decreases utility ([link](#))
3. Geschke et al., The triple-filter bubble: Using agent-based modelling to test a meta-theoretical framework for the emergence of filter bubbles and echo chambers ([link](#))
4. Nguyen et al., Exploring the filter bubble: the effect of using recommender systems on content diversity ([link](#))

3. Agent-based modeling:

1. Schelling, Dynamic models of segregation ([link](#))
2. De Marchi and Page, Agent-Based Models ([link](#))
3. Heard et al., Agent-Based Models and Microsimulation ([link](#))